Journal of the Neurological Sciences, 115 (1993) 241–242
Elsevier Science Publishers B.V.

Contents of Volume 115

Number 1 – March 1993

Opinion and review

Functional imaging in relation to parkinsonian syndromes
D.J. Brooks (UK) 1

Research articles

Copper-zinc superoxide dismutase activity in red blood cells and serum in demented patients and in aging
E.S. De Lustig, J.A. Serra, S. Kohan, G.A. Canziani, A.L. Famulari and R.O. Dominguez (Argentina) 18

Determination of serum and brain concentrations of neuroprotective and non-neuroprotective doses of MK-801
P.H. Schwartz and C.G. Wasterlain (USA) 26

Evoked potential measures of auditory cortical function and auditory comprehension in aphasia
P. Praamstra, D.F. Stegeman, S. Kooijman and J. Moleman (The Netherlands) 32

Antibody-dependent cell-mediated cytotoxicity (ADCC) in Parkinson's disease
M. Bokor, A. Faragó, T. Garam, G. Malatinszky and R. Schnabel (Hungary) 47

Lewy body-like inclusions in Onuf's nucleus from two cases of sporadic amyotrophic lateral sclerosis
T. Kihira, H. Mizusawa, J. Tada, T. Namikawa, S. Yoshida and Y. Yase (Japan) 51

Electrophysiological study of dorsal column function in streptozocin-induced diabetic rats: comparison with 2,5-hexanedione intoxication
M. Terada, H. Yasuda, R. Kikkawa, N. Koyama, T. Yokota and Y. Shigeta (Japan) 58

Cerebrotendinous xanthomatosis: pathophysiological study on bone metabolism
A. Federico, M.T. Dotti, F. Loré and R. Nuti (Italy) 67

Electrophysiologic evidence for a toxic polyneuropathy in rats after exposure to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD)
F. Grahmann, D. Claus, H. Grehl and B. Neundörfer (Germany) 71

Regulation of membrane-mediated chronic muscle degeneration in dystrophic hamsters by calcium-channel blockers: diltiazem, nifedipine and verapamil
P.L. Johnson and S.K. Bhattacharya (USA) 76

Manifesting heterozygotes in McArdle's disease: clinical, morphological and biochemical studies in a family
G. Manfredi, G. Silvestri, S. Servidei, E. Ricci, M. Mirabella, E. Bertini, M. Papacci, M. Rana and P. Tonali (Italy) 91

Congenital myotonic dystrophy; a report on thirteen cases and a review of the literature
A.T.M. Hageman, F.J.M. Gabreëls, K.D. Liem, K. Renkawek and J.M. Boon (Netherlands) 95

Inverse correlation between disappearance of intrathecally injected ^{111}In-DTPA from CSF with CSF protein content and CSF-to-serum albumin ratio
R. Nau, D. Emrich and H.W. Prange (Germany) 102

Reduction in cortical 5-HT$_3$ binding sites following a unilateral 6-hydroxydopamine lesion of the medial forebrain bundle in rats
L. Čičin-Šain and P. Jenner (Croatia, UK) 105

Chronic progressive spinocerebellar syndrome associated with antibodies to human T-lymphotropic virus type I: clinico-virological and magnetic resonance imaging studies
J.-i. Kira, I. Goto, M. Otsuka and Y. Ichiya (Japan) 111

Intrathecal synthesis of interleukin-2 and soluble IL-2 receptor in asymptomatic HIV-1 seropositive individuals. Correlation with local production of specific IgM and IgG antibodies
M. Ciardi, M.K. Sharief, M.A. Noori, E.J. Thompson, A. Salotti, F. Rossi, V. Vullo, S. Catania, F. Sorice and A. Cirelli (U.K., Italy) 117

Book review 123

News 124

Number 2 – April 1993

Research articles

Cerebrospinal fluid proteins in patients with leucoaraiosis: possible abnormalities in blood–brain barrier function
L. Pantoni, D. Inzitari, G. Pracucci, F. Lolli, G.P. Giordano, L. Bracco and L. Amaducci (Italy) 125

The extended disability status scale (EDSS) as a predictor of impairments of functional activities of daily living in multiple sclerosis
R.A. Cohen, H.R. Kessler and M. Fischer (USA) 132

6-[^{18}F]Fluorodopa metabolism in patients with hemiparkinsonism studied by positron emission tomography
H. Nagasawa, H. Saito, K. Kogure, J. Hatazawa, M. Itoh, T. Fujiwara, S. Watanuki, S. Seo, R. Iwata and T. Ido (Japan) 136

MS strain of type 2 herpes simplex virus produces necrotizing retinitis in mice
S. Love, T.J. Hill and N.J. Maitland (UK) 144

Cerebral glucose metabolism and striatal ^{18}F-Dopa uptake by PET in cases of chorea with or without dementia
M. Otsuka, Y. Ichiya, Y. Kuwabara, S. Hosokawa, M. Sasaki, T. Fukumura, K. Masuda, I. Goto and M. Kato (Japan) 153

Mitochondrial DNA mutations at nucleotide positions 3243 and 3271 in mitochondrial myopathy, encephalopathy, lactic acidosis, and stroke-like episodes: a comparative study
R. Sakuta, Y.-i. Goto, S. Horai and I. Nonaka (Japan) 158

Heparin treatment in patients with human T-lymphotropic virus type I (HTLV-I)-associated myelopathy: a preliminary study
K. Nagasato, T. Nakamura, K. Ichinose, Y. Nishiura, K. Ohishi, K. Shibayama, H. Watanabe, M. Tsujihata and S. Nagataki (Japan) 161

Autoantibodies to myelin basic protein within multiple sclerosis central nervous system tissue
K.G. Warren and I. Catz (Canada) 169

Herpes simplex virus type-2 infection by a footpad route results in neuronal death in mouse spinal ganglia
D.B. Henken, M.E. Goldstein and J.R. Martin (USA) 177

The innervation of human epidermis
W.R. Kennedy and G. Wendelschafer-Crabb (USA) 184

Long-term persistence and migration of myogenic cells injected into pre-irradiated muscles of *mdx* mice
J.E. Morgan, C.N. Pagel, T. Sherrratt and T.A. Partridge (UK) 191

Repair of *N*-methylpurines in DNA from lymphocytes of patients with amyotrophic lateral sclerosis
S.H. Robison, R. Tandan and W.G. Bradley (USA) 201

Ubiquitin-positive inclusion in anterior horn cells in subgroups of motor neuron diseases: a comparative study of adult-onset amyotrophic lateral sclerosis, juvenile amyotrophic lateral sclerosis and Werdnig-Hoffmann disease
S. Matsumoto, S. Goto, H. Kusaka, T. Imai, N. Murakami, Y. Hashizume, H. Okazaki and A. Hirano (USA, Japan) 208

Dystrophin isoforms expressed in the mouse retina
T. Tamura, K. Yoshioka, Y. Jinno, N. Niikawa and T. Miike (Japan) 214

Steroid-responsive myalgia in a patient with Becker muscular dystrophy
I. Higuchi, K. Nakamura, M. Nakagawa, N. Nakamura, F. Usuki, M. Inose and M. Osame (Japan) 219

Age-dependent decline in cognitive information processing of HIV-positive individuals detected by event-related potential recordings
G. Arendt, H. Hefter, H.-W. Nelles, F. Hilperath and G. Strohmeyer (Germany) 223

Short communication

Elevation of human cerebrospinal fluid clusterin concentration is associated with acute neuropathology
M. Polihronis, K. Paizis, G. Carter, L. Sedal and B. Murphy (Australia) 230

Book reviews 234

Author Index (Vol. 115) 236

Subject Index (Vol. 115) 239